"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

1. MIKOS, S.

2. USSR (600)

4. Landscape Architecture - Groznyy

7. Large flower gardens. Zhil. -kom. khoz. 2 No. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassi

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MIKOS-AVGUL', N. N.

see AVGUL', N. N.

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L 13631-65 EWT(l)/EWP(m)/EWG(k)/EPA(sp)-2/EWG(v)/EPR/EPA(w)-2/T-2 Pd-4/Pe-5/
Pi-4/Pz-6/Pab-10/Ps-4 IJP(c)/AEDC(a)/AFETR/ASD(d)/SSD/SSD(b)/AEDC(b)/AFMDC/
ASD(f)-2/BSD/ASD(p)-3/AS(mp)-2/AFTC(p) AT/WW

ACCESSION NR: AP4047383 (P) S/0294/64/002/005/0771/0779

AUTHORS: Bzhozovskiy, V. S.; Dul, I.; Fuksiyevich, Ye.; Mikush, M.I.; Yang, R.

TITLE: Experimental open-cycle MHD-generator 21

SOURCE: Teplofizika vysokikh temperatur, v. 2, no. 5, 1964, 771-779 B

TOPIC TAGS: MHD generator, combustion chamber, heat transfer, combustion chamber wall temperature, regenerative circuit, magnet coil

ABSTRACT: An open-cycle MHD-generator was designed in 1963 for a power output of 1 megawatt. The schematic of the generator is given in the Enclosures. The generator has two combustion chambers: a 100-300 kw capacity and a 1000 kw capacity. The first uses oxygen, nitrogen, or air and kerosene fuel with the incoming air preheated to 1500C. The interior of the chamber is made of refrax material wound with water-carrying copper tubes for cooling. The maximum wall temperature permitted is 1700C. To enhance ionization, potassium is used as seed material in the form of alcohol solution of KOH. Fuel consumption ranges between 12-25 kg/hr. Only a brief description is given of the 1000 kw capacity combustion chamber which was operated for 100 hours at half-capacity. The power system also contains a regenerator for heating air up to 1100C, using the hot exhaust (2000C)

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L 13631-65
ACCESSION NR: AP4047383

from the MHD-generator. To improve the heat transfer process in the regenerator, special turbulence and circulation flows are induced. The electromagnet has a 1.9 weber/m^2 induction with a maximum air-gap of 132 mm. The winding of the electromagnet consists of copper tubes, 12 mm external diameter and 4.5 mm internal diameter. Distilled water is used to cool the magnet. Various materials were tested for use as generator walls. These include: SiO + 50% Al_2O_3; zirconium-magnesium bricks; refrax, etc. The heat flow through the walls was gauged at 14 to 71 volt/cm^2. Three types of materials were used as electrodes: graphite, zirconium-oxide, and metallic borides. The MHD-generator itself consists of a nozzle, a channel with segmented electrodes, and a diffuser. The transverse electrodes are of the Faraday type, the internal diameter of the channel is 25 mm (square), and it consists of thick magnesite tubes. Orig. art. has: 9 figures.

ASSOCIATION: Instytut yadernykh issledovaniy, Pol'sha (Institute of Nuclear Research, Poland)

SUBMITTED: 06May64 ENCL: 02

SUB CODE: EC, ME NO REF SOV: 000 OTHER: 004

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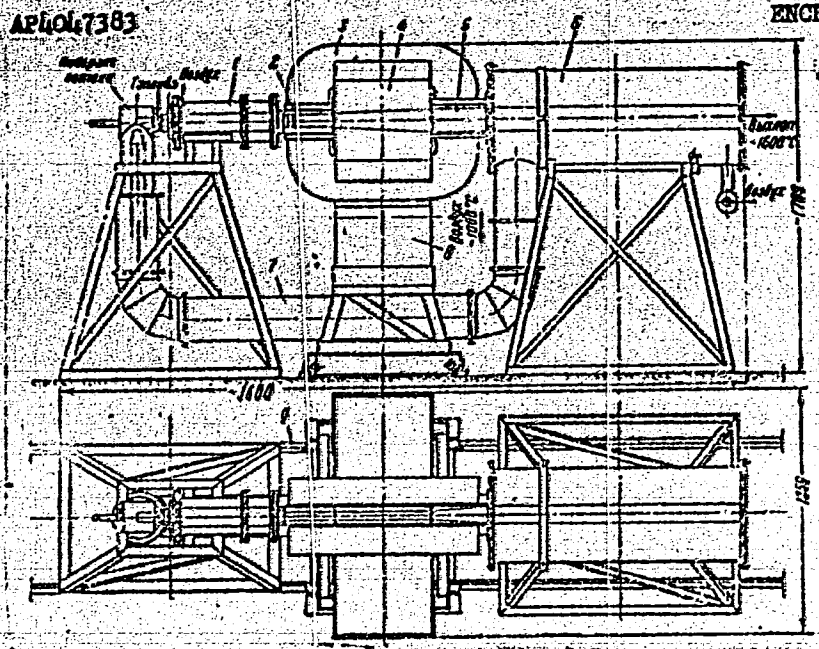
ENCLOSURE: 01



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ACCESSION NR: AP4047383 ENCLOSURE: 02

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Fig. 1. Schematic of open-cycle MHD-generator.

1- combustion chamber; 2- nozzle; 3- electromagnet winding; 4- generator; 5- diffuser, 6- heat exchanger; 7- hot air conduit; 8- electromagnet; 9- regulator.

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MIKOSHA, A.S. (Moskva)

Effect of prolonged introduction of estrone and castration on adrenal cortex function in guinea pigs. Probl. endok. i gorm. 9 no.6:15-19 N-D '63. (MIRA 17:11)

1. Iz laboratorii biokhimii gormonov i gormonal'noy regulyatsii protsessov obmena (zav. - chlen-korrespondent AMN SSSR prof. N.A. Yudayev) Instituta biologicheskoy i meditsinskoy khimii (dir. - deystvitel'nyy chlen AMN SSSR. prof. V.N. Orekhovich) AMN SSSR.

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YUDAYEV, N.A.; MIKOSHA, A.S.

Effect of estrone on the biosynthesis of hydrocortisone by the suprarenal glands of a guinea pig in vitro. Biokhimiia 28 no. 3:462-466 My-Je '63. (MIRA 17:2)

1. Laboratory of Hormone Biochemistry and Hormonal Regulation of Metabolism, Institute of Biological and Medical Chemistry, Academy of Medical Sciences of the U.S.S.R., Moscow.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

ARTYUSHIN, L.F.; SHUBINA, G.Ye.; ANTONOV, S.M.; KIRILLOV, N.I.; LEVITAN, A.Yu.; MIKOSHA, V.V.; PLUZHNIKOV, B.F.; IOFIS, Ye.A., kand.tekhn. nauk, red.; TELESHEV, A.N., red.; CHICHERIN, A.N., tekhn.red.

[Color photography] TSvetnaia fotografiia. Pod red. E.A.Iofisa. Moskva, Gos.izd-vo "Iskusstvo," 1958. 208 p. (Biblioteka foto-liubitelia, no.12) (MIRA 12:4)

(Color photography)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

ARTYUSHIN, L.F.; SHUBINA, G.Ye.; ANTONOV, S.M.; KIRILLOV, N.I.; LEVITAN, A.Yu.; MIKOSHA, V.V.; PLUZHNIKOV, B.F.; IOFIS, Ye.A., kand. tekhn. nauk, red.; FOMIN, A.A., red.; GORINA, V.A., tekhn. red.

[Color photography] TSvetanaia fotografiia. Izd.2 ispr. i dop. Pod red. E.A.Iofisa. Moskva, Iskusstvo, 1960. 228 p. (Biblioteka fotoliubitelia, no.13) (MIRA 16:5)
(Color photography)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOSHA, Vl., kinooperator, laureat Stalinskikh premiy

Photographic annals of our days. Sov.foto 21 no.6:8-17 Je '61. (MIRA 14:6)

(Photography--Exhibitions)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOSHA, V.

Picture and image. Sov. foto 22 no.7:30-33 Jl '62. (MIRA 16:4)
(Photography)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

POLAND

SZMUNESS, Wolf ; SIKORSKA, Jadwiga; SZYMANEK, Elzbieta; MIKOSZ, Aleksander, and CECHOWICZ, Lucja; Regional Sanitation-Epidemiology Center (Wojewodzka Stacja Sanitarno-Epidemiologiczna,) Head (Dyrektor) C. HOROCH, MD, Lublin.

"Possibilities of Dissemination of Salmonella enteritidis Infections by the Respiratory Route."

Warsaw, Przeglad Epidemiologiczny, Vol 19, No 4, 1965; pp 433-439.

Abstract [English summary modified] : Strains of antibiotic-resistant Salmonel enteritidis were isolated from the throat and nose swabbings of 37 out of a total of 131 children infected with the microbe in five hospital foci. Most were quite young, below 1 year of age. Carrier state was usually permanent. Three tables, 1 Soviet, 16 Western references.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

BZHOZOVSKIY, V.S. [Brzozowski, W.]; DUL, T.; FUKSIEWICH, Ye. [Fukajewicz, J.]; MIKOSH, M. [Mikosz, M.]; VANG, R. [Wang, R.]

Experimental open-cycle magnetohydrodynamic generator. Teplofiz. vys. temp. 2 no.5:771-779 S-O '64. (MIRA 17:11)

1. Institut yadernykh issledovaniy, Pol'sha.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MURCZYNSKI, Czesław MIKOSZA, Henryka GREC Stefania SYPNIEWSKA, Maria, TUSTANOWSKI, Stanisław NAROZNIK, Kazimiera.

Use of radioactive [illegible] for the determination of pulmonary ventilation disorders. Gruźlica 31 no.4:307-[illegible] F'63

1. Z Zakładu Radiologii (Kierownik prof.dr. Cz. Murczynski) i z Zakładu Fizyki (Kierownik dr. H.Mikosza) PAM w Szczecinie.

*

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MURCZYNSKI, Czesław; MIKOSZA, Henryk; GREC, Stefan; SYPNIEWSKA, Maria; TUSTANOWSKI, Stanisław; NAROZNIK, Kazimierz

Respiratory function tests with thulium-170. Pol. arch. med. wewnet. 34 no.6:732-735 '64

1. Z Zakładu Radiologii Pomorskiej Akademii Medycznej w Szczecinie (Kierownik: prof. dr. Cz.Murczynski) i z Zakładu Fizyki Pomoskiej Akademii Medycznej w Szczecinie (Kierownik: dr. inz. H. Mikosza).

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOSZA, Ryszard

Molds for the vulcanization of tyres in Poland and in other countries. Tworzywa wielkoczast 6 no.7/8:240-243 Jl-Ag '61.

1. Zakaldy Przemyslu Gumowego, Stomil.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOSZA, Ryszard

New machinery for the production of rubber mixtures. Tworzywa wielkoczast 6 no.9:288-291 S '61.

1. Zaklady Przemyslu Gumowego, Stomil, Poznan.

(Rubber)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOSZA, Ryszard

New trends in the design of automobile tires. Polimery tworz wielk 7 no.9:317-320 S '62.

1. Zaklady Przemyslu Gumowego, Stomil, Poznan.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOSZA, Ryszard

Abrasion resistance of tire tread mixtures. Polimery tworz wielk 8 no.3:94-97 Mr '63.

1. Zaklady Przemyslu Gumowego Stomil, Poznan.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOSZEWSKI, J.

MIKOSZEWSKI, J. Selecting a method of measuring hardness. p. 485.
Vol. 27, no. 11/12, Nov./Dec. 1954.
MECHANIK. Waszaw Poland

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

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MIKOSZEWSKI, J., inz.

Extension of the scope of activities of district offices for weight and measurement control. Pomiary 9 no.12:646 D '63.

1. Laboratorium Pomiarow Sily i Twardosci, Glowny Urzad Miar, Warszawa.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOSZEWSKI, Jerzy, inz.

Testing of dynamometric bows. Pomiary 8 no.5:228-229 My '62.

1. Glowny Urzad Miar, Warszawa.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOSZEWSKI, J., inz.

New provisions on hardness standards. Pomiary 8 no.10:498 O '62.

1. Laboratorium Pomiarow Twardosci, Glowny Urzad Miar, Warszawa.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

[redacted], Jerzy, mgr.inż.; [redacted]; B[redacted], J., mgr inż.; JANISZEWSKI, Jerzy; [redacted], Ryszard, mgr inż.

Review of publications. Technika [illegible] 8:372-373 Jl '64

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

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KICZAK, Janina; MIKOSZOWA, Danuta

Thrombophlebitis migrans in cancer of the body and tail of the pancreas. Polski tygod. lek. 11 no.28:1264-1266 9 July 56.

1. Z II Kliniki Chorob Wewnetrznych Pomorskiej A.M. w Szczecinie; kierownik: doc. dr. Edward Gorskowski, Szczecin 6, ul. Lukasinskiego 8.

(PANCREAS, neoplasms,
with thrombophlebitis migrans (Pol))
(THROMBOPHLEBITIS, etiology and pathogenesis,
cancer of pancreas, thrombophlebitis migrans (Pol))

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

[redacted]

IKOVIĆ, J.

Tools are money. p. 104. (DELO IKOLSTVO JA, Vol. 5, no. 2, July, 1954. Ljubljana, Yugoslavia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, Apr 1955, Uncl.

[redacted]

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32793
S/137/61/000/012/077/149
A006/A101

AUTHORS: Yasskiy, D.I., Mikotin, Ye.Ye.

TITLE: The advanced process of manufacturing cast iron sheets and improvement of their quality

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 12. 1961, 6-7, abstract 12D42 (V sb. "Polucheniye izdeliy iz zhidk. met. s uskoren. kristallizatsiyey", Moscow-Kiyev, Mashgiz. 1961, 169 - 180)

TEXT: The experimental research work of TsKTB made it possible to develop a mechanized high-efficiency production line for the manufacture of thin cast-iron sheets and to bring about an advanced technology of cold rolling. The optimum chemical composition of cast iron is (in %): C 3.2-3.4; Si 1.4-1.7; Mn 0.4-0.7; P $\leq$ 0.12; S $\leq$ 0.1; Cu 0.15-0.25. The cast iron is melted in a cupola furnace with a forehearth with two rows of tuyeres and water cooling. Continuous forming of the strip during the casting of cast iron from a 2-ton-ladle is assured by increasing the diameter of the crystallizer rolls to 420-520 mm and by bringing the consumption of water cooling the crystallizer-rolls to 15-20 l/sec at a free discharge of the water through two journals of the crystallizer rolls. The

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A006/A101

The advanced process ...

wall thickness of crystallizer rolls was increased to 20-30 mm when manufacturing 1.3-1.5 mm thick sheets. The crystallizer rolls were cleaned from cast-iron particles with rotating steel brushes; this raised the durability of crystallizer rolls by a factor of 4 - 6 and reduced their consumption to 1.5 kg/ton of the product. The author states the expediency of casting the cast-iron not on the surface of the lower crystallizer roll, but directly in the space between the rolls; the feeder is elevated above the lower crystallizer roll and the inclination angle of the axial plane of the crystallizer roll is reduced to 30°. A stopper casting device was developed, representing a ladle with an electric-heated foundry system, functioning from a welding transformer through water-cooled contacts; the heating temperature is $\leq$ 1,500°C at 30 - 50 v voltage and 400 - 550 amps current intensity. The design and technical and economical characteristics of a mechanized ПЧЛ (PChL) unit are described. The unit is intended for the manufacture of sheets of 640x1,200x(0.7-1.0) mm and thin cast-iron sheets (1.3-2 mm) with 3-4 mm high ribs. It is shown that during the formation process in continuous casting, a heat equilibrium is established and the temperature of the crystallizer rolls is stabilized. Mechanized gas-fueled tunnel furnaces are recommended for annealing cast-iron sheets.

V. D'yakov

[Abstracter's note: Complete translation]

Card 2/2

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

ACC NR: AP6030864 SOURCE CODE: UR/0365/66/002/005/0576/0580

AUTHOR: Zemskov, G. V.; Kogan, R. L.; Dombrovskaya, Ye. V.; Kostenko, A. V.; Shevchenko, I. M.; Koss, Ye. V.; Fadeyeva, E. V.; Khmelevskaya, M. Ye.; Mikotina, N.

ORG: Odessa Polytechnical Institute (Odesskiy politekhnicheskiy institut)

TITLE: Protective diffusion coatings of nickel alloy

SOURCE: Zashchita metallov, v. 2, no. 5, 1966, 576-580

TOPIC TAGS: nickel alloy, chromium alloy, aluminum containing alloy, titanium containing alloy, tungsten containing alloy, ~~alloy~~ protective coating, ~~alloy~~ corrosion resistanc diffusion coating alloy, alloy oxidation resistance/ZhS6-K alloy

ABSTRACT: A series of diffusion coatings were tested for protection of ZhS6-K nicke base alloy (0.13—0.20% carbon, 10.5—12.5% chromium, 5—6% aluminum, 2.5—3% titaniu 2.5—3% tungsten, 4.5—5.5% molybdenum, 0.13—0.20% boron) against gas corrosion in a mixture of products of sulfurous fuel combustion and sea water vapors after all attempts to improve alloy oxidation resistance by alloying failed. Alloy specimens were diffusion coated with one or two elements used simultaneously or one after the other. The coating was done by a pack cementation at 900—1000C for 10 hr. Chromium, aluminum, silicon, titanium, boron, cerium, beryllium and magnesium were used as single-element coatings. Chromium with titanium, silicon, aluminum, or boron; aluminum with boron, cerium, or titanium; titanium with silicon or boron; manganese with boron;

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ACC NR: AP6030864

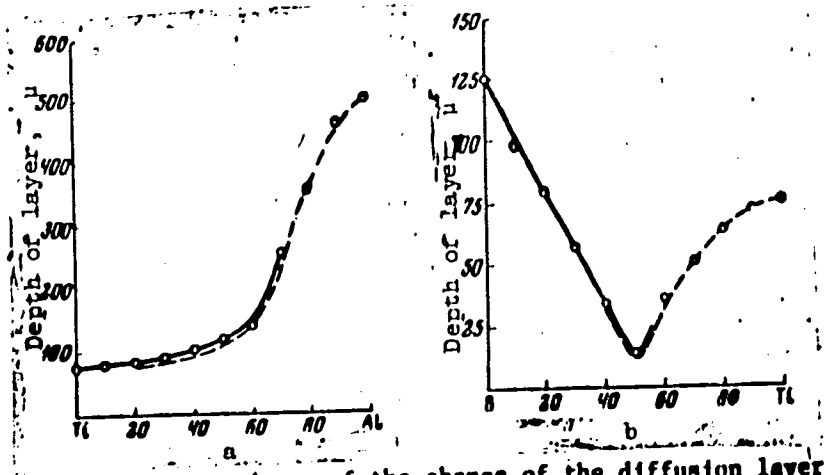

Fig. 1. Dependence of the change of the diffusion layer depth upon the content of elements in the mixture

a - Aluminum-silicon impregnation; b - boron-titanium impregnation.

a

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ACC NR: AP6030864

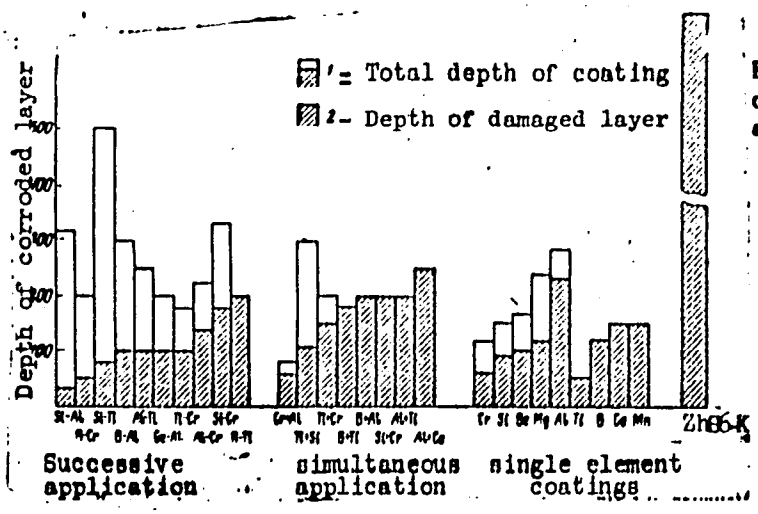

Fig. 2. Depth of corrosion in coated and uncoated ZhS6-K alloy.

cerium with boron; and silicon with aluminum were used for binary coatings. Corrosion tests were done in combustion products containing 0.74% and 0.11% sea water at 900C for 15 hr. It was found that all the coatings tested have a higher corrosion resistance than the uncoated alloy (see Fig. 1). Binary coatings protect the alloy more efficiently than single-element coatings, especially with the consecutive method of

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ACC NR: AP6030864

application. Coatings obtained by this method have a higher concentration of elements and a more uniform structure of the surface layer than the coatings applied by other methods. Orig. art. has: 5 figures. [ND]

SUB CODE: 11, 13/ SUBM DATE: 13Jul65/ ATD PRESS: 5077

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APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

GAL'TSOVA, R.D.; MIKOTS, L.M.

Effects of storage conditions of yeasts on the ergosterol content in them. Prikl. biokhim. i mikrobiol. 1 no.4:449-453 Jl-Ag '65. (MIRA 18:11)

1. Institut mikrobiologii AN SSSR.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

NIKOV, B. D., Cand Geol-Mineral Sci -- (diss) " The effect of local relief on the results of magnetic plotting and the development of methods for interpreting magnetic anomalies," Novosibirsk, 1960, 19 pp, (Laboratory of Magnetic Prospecting Institute of Geology and Geophysics, Siberian Department , Academy of Sciences USS (KL, 38-60, 107)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

S/169/61/000/005/005/049
A005/A130

AUTHOR: Mikov, B.D.

TITLE: Interpretation of magnetic prospecting data by three-dimensional measuring grids under conditions of complicated terrain conformation

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 5, 1961, 30, abstract 5 A 263. (V sb.: Materialy 3-y Nauchno-tekhn. konferentsii molodykh uchenykh, 1957. Novosibirsk, Sib. otd. AN SSSR, 1960, 131-141)

TEXT: For the purpose of interpreting magnetic anomalies over metalliferous deposits under conditions of complicated terrain conformation the author proposes measuring grids incorporating theoretical curves for the values of the vertical and horizontal components of the magnetic field for a number of regularly shaped bodies. The grids are calculated for a vertical stratum of infinite strike and extension in depth, a block with infinite extension in depth, a horizontal, vertically magnetized cylinder and a vertically magnetized sphere. The author notes the deficiency of

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this as well as the majority of other known methods, which resides in the necessity of likening beforehand the shape of the deposit with one or another body of regular geometric shape. For irregularly shaped bodies or deposits lying close to the surface, this method will yield results that are less consistent with the facts.

P. Kasatkin

[Abstractor's note: Complete translation.]

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOV, B.D.

Rapid method for determining the elements of the magnetic field of some bodies having a regular form. Trudy Inst.goel. i geofiz. Sib.otd. AN SSSR no.1:59-67 '60. (MIRA 15:2)
(Magnetic prospecting)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOV, B.D.

Equation of the intensity of the magnetic field of certain bodies having a regular form at an inclined line of observation. Trudy Inst.geol. i geofiz. Sib.otd. AN SSSR no.1:69-94 '68. (MIRA 15:2)
(Magnetic prospecting)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOV, B.D.

Interpretation of magnetic anomalies based on similarity of space fields. Geol. i geofiz. no.2:113-124 '60. (MIRA 13:9)

1. Institut geologii i geofiziki Sibirskogo otdeleniya Akademii nauk SSSR.

(Magnetic anomalies)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

PROVODNIKOV, L. Ya.; MIKOV, B.D., kand. geol.-mineral. nauk, red. vypuska; BUSHUYEVA, V.M., red.

[Collection of dot charts for determining the elements of magnetized bodies (depth, magnitude, and intensity of magnetization) without error in selecting a normal field. Al'bom paletok dlia opredeleniia elementov zaleganiia magnichennykh tel glybiny, moshchnosti i intensivnosti namagnicheniia) bez oshibki za vybor normal'nogo polia. Novosibirsk, 1963. 38 p. (Akademiia nauk SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy, no.26)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

S/169/62/000/009/041/120
D228/D307

AUTHOR: Mikov, B. D.

TITLE: Interpreting magnetic anomalies in complex topographic environments

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 9, 1962, 36, abstract 9A242 (Tr. In-ta geol. i geofiz. Sib. otd. AN SSSR, no. 11, 1961, 87-98)

TEXT: The author describes six ways of ascertaining the depth of the disturbing bodies of magnetic anomalies, obtained when the topography is complex. The first and second methods were developed in order to determine the position and size of a highly subsided endless sheet. They consist of graphically plotting isolines of the magnetic field's vertical and horizontal components in a definite way with respect to it. The third method was also derived for a sheet. It comes down to selecting the horizontal area that corresponds to the sheet's upper edge according to the angle of vision of the sheet's upper area; this angle is proportional to the magnetic

Card 1/2

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Interpreting magnetic anomalies ...

field's vertical component. The fourth and fifth methods are based on the determination of the depth from the spatial position of certain points on the curves of Z and H (the point where H is maximal and the point Z/H = 0.25, 0.5, 0.75, etc.), whose dependence on the body's depth and shape can be represented by pallets. At the same time pallets can be constructed for a set of inclined lines of observation. The sixth method is based on the principle of the angular symmetry of Z, H, and T. It is true for a number of bodies, regardless of the angle of magnetization, the observation line's slope, and the normal field's level. [Abstracter's note: Complete translation.]

Card 2/2

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

SOLOV'YEV, O.A.; MIKOV, B.D.

Root-mean-square approximation of a potential field. Geol. i geofiz. no.6:114-116 '63. (MIRA 19:1)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk. Submitted October 27, 1962.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOV, D. S.

Mikov, D. S. "The Work of the Institute in Connection with Magnetic Surveys in the Urals." In the book: Za Nedra Urala, Sverdlovsk, 1934, pp. 237-238.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

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MIKOV, D. S.

Mikov, D. S. "Equilibration of the Results of Micromagnetic Surveys." Informatsionnyi Sbornik po Zemnomu Magnetizmu i Elektrichestvu, Leningrad-Moscow, No. 4, 1937, pp. 34-37

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOV, D. S.

Mikov, D. S. "The Calculation of Magnetic Anomalies." Razvedka Nedr, Moscow, No. 15, 1937, pp. 46-48. Also: Informatsionnyi Sbornik po Remnomu Magnetizmu i Electrichestvu Leningrad-Moscow, No. 4, 1937, pp. 7-14.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOV, D. S.

Mikov, D. S. "On the Application of Magnetometry to the Study of Deep Geology and Tectonics." Razvedka Nedr, Moscow, No. 16, 1937, pp. 42-49.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

[redacted]

Vikov, D. S. "Master Curve for the Interpretation of Magnetic and Gravimetric Anomalies In the Book: Materialy Uralsk. Geolog. Upravleniia, Sverdlovsk-Moskva, No. 2, 1955, pp. 134-144.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOV, D. S.

Mikov, D. S. "The Calculation of Field Observations Made in a Magnetic Survey with Schmidt's Balance. Razvedka Nedr, Moscow, No. 3, 1939, pp. 44-46.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

1. MIKOV, D.S; SEREBRENNIKOVA, YE.S.: KORDOVER, G.A.

2. USSR (600)

4. Vizhay Valley - Iron Ores

7. Report of the Ivdel' iron ore party on th prospecting in the region of th middle course of the Vizhay River in the Northern Urals. for 1942. / abstract / Izv. Glav.upr.geol.fon. no. 2 1947

9. Monthly List of Russian Accessions, Library of Congress, March, 1953. Unclassified.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOV, D. S.

USSR/Geophysics - Magnetization Sep/Oct 52

"Determination of Magnitude and Direction of Intensity of Magnetization of Disturbing Bodies According to Results of Magnetic and Gravitational Survey," D. S. Mikov, Tomsk Polytech Inst

"Iz Ak Nauk SSSR, Ser Fiz" No 5, pp 55, 56

A method is suggested to utilize simultaneously magnetic and gravitational anomalies produced by the same body, in order to det the magnitude and direction of intensity of magnetization of this body.

226T58

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOV, D. S.

Sep/Oct 53

USSR/Geophysics - Magnetic Survey

"Determining the Direction of Magnetizability of Exiting Bodies According to Results of a Magnetic Survey," D. S. Mikov, Tomsk Polytech Inst.

Iz Ak Nauk SSSR, Ser Geofiz, No 5, pp 418-423

Proposes a method for detg the direction of magnetization of 2-dimensional bodies according to the ratio of areas bounded by positive and negative anomalous stresses. The method is valuable for interpreting the results of magnetic surveys.

267T74

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

NIKOV, D. S.

"Practical means of Interpreting Gravitational and Magnetic Anomalies by Direct Methods," Razvedka i Okhrana Nedr, No. 5, pp 35-36, 1954

SO: W-31 29, 2 Sep 55

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOV, D.S.; POTAPOV, V.S., redaktor izdatel'stva; KRYNOCHKINA, K.V., tekhnicheskiy redaktor

[Atlas of theoretical curves for the interpretation of magnetic and gravitational anomalies] Atlas teoreticheskikh krivykh dlia interpretatsii magnitnykh i gravitatsionnykh anomalii. Pereizdanie. Tomsk, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 15 p., 128 graphs (MLRA 10:4)
(Magnetism, Terrestrial)(Gravity)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOV, D.S.

Interpretation of magnetic and gravitational anomalies by exclusion of elementary fields. Izv.AN SSSR.Ser.geofiz. no.2:218-225 F '56. (MLRA 9:7)

1.Tomskiy politekhnicheskiy institut.
(Magnetism, Terrestial) (Gravity)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOV, D.S.

Theory of needle magnetometric apparatus. Izv. vys. ucheb. zav.; geol. i razv. 1 no.10:121-126 O '58. (MIRA 12:9)

1.Tomskiy politekhnicheskiy institut im. S.M. Kirova. Kafedra geofizicheskikh metodov razvedki.
(Magnetometer)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

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MIKOV, D.S.

Determination of the depth of bedding of geological bodies from the relation of the area of anomaly graphs to maximum intensities. Geofiz. razved. no.3:62-69 '61. (MIRA 17:2)

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOV, Dmitriy Stepanovich; FEDOROV, Aleksandr Anatol'yevich, ANDRFYEV, Vsevolod Aleksandrovich; UDODOVA, Ol'ga Vladimirovna; IVANCHURA, Lev Ivanovich

[Geophysical methods of prospecting] Razvedochnaia geofizika. [By] D.S.Mikov i dr. Tomsk, Izd-vo Tomskogo univ., 1961. 340 p. (MIRA 18:5)

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KHALFIN, L.O., prof., otv. red.; IVANIYA, V.A., dots., kand. geol.-miner. nauk, red. toma; KAZHENOV, I.K., prof., red.; BULYNNIKOV, A.Ya., prof., red.; GORBUNOV, N.G., dots., kand. geol.-miner. nauk, red.; KUZ'MIN, A.M., prof., red.; MIKOV, D.S., prof., red.; ROGOV, G.M., dots., kand. geol.-miner. nauk, red.; SULAKSHIN, S.S., dots., kand. tekhn. nauk, red.; KHAKHLOV, V.A., prof., red.

[Materials on the geology and minerals of Western Siberia; reports] Materialy po geologii i poleznym iskopaemym Zapadnoi Sibiri; doklady. Tomsk, Izd-vo Tomskogo univ., 1964. 424 p. (MIRA 18:3)

1. Konferentsiya, posvyashchennaya 100-letiyu so dnya rozhde... niya akademika M.A.Usova, Tomsk, 1963.

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

COMBINER, P.Ya., [illegible]KOV, K.P. [deceased]

Calculating the cost of petroleum production for individual wells. Neft. khoz. 43 no.3:1-5 Mr '65. (MIRA 18:6)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOV, M.N., chlen Kommunisticheskoy partii Sovetskogo Soyuza s 1911 goda.

Forty years ago. Mast.ugl. 9 no.4:9-10 Ap '60. (MIRA 13:11)
(Kisel Basin--Trade unions)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

FRIML, Miroslav; MIKOVA, Andela

Determination of reducing agents in sugar industry products. Pt. 2. Listy cukrovar 79 no. 12: 311-315 D '63.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOVA, I. A.

USSR/Chemistry - Laboratory Equipment Sep 50

Consinuous-Action Counterflow Extraction Apparatus for Laboratory Use," F. N. Stepanov N. S. Vulfson, I. A. Mikova, Sci Res Inst of Org Intermediate Products and Dyestuffs

"Zavod Lab" Vol XVI, No 9, pp 1131

New apparatus for extraction from solutions was constructed and tested in operation. Extraction occurs in narrow vertical tube in which solution and solvent, flowing towar each other, are stirred vigorously by spiral ribbon mixer. Apparatus is designed for operation with types of solvent heavier or lighter than solution. Main advantage of extractor is its efficiency, and small amount of solvent used.

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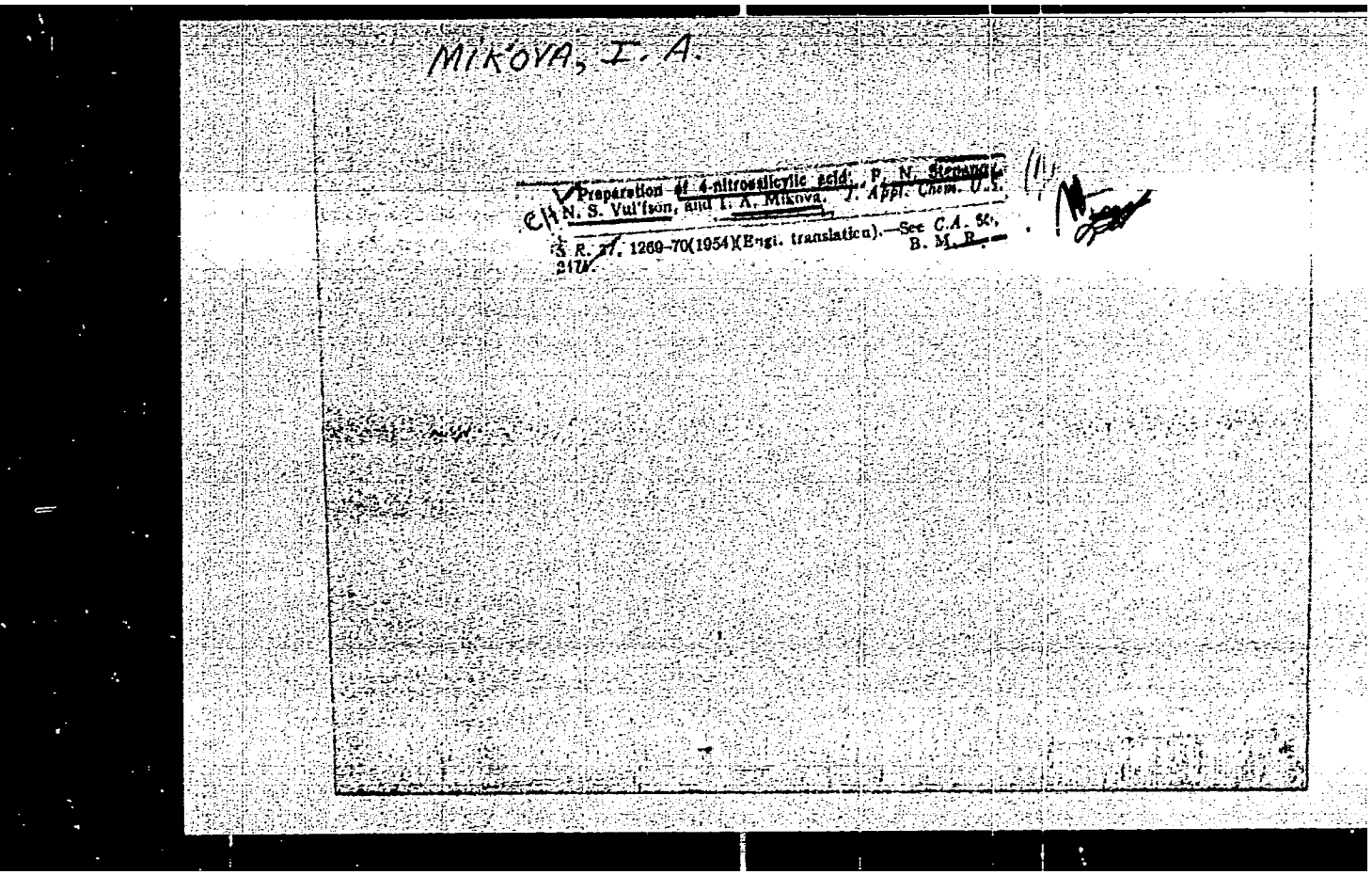

MIKOVA, I. A.

Preparation of 4-nitrosalicylic acid. P. N. Stepanov, N. S. Vul'fson, and I. A. Mikova. J. Appl. Chem. U.S.S.R. 27. 1269-70(1954)(Engl. translation).—See C.A. 50, 217d. B. M. R.

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Mikova, I. A.

6

Preparation of 4-nitrosalicylic acid. F. N. Stepanov, N. S. Vul'fson, and I. A. Mikova (U. S. Vorosh[illegible] Research Inst. Org. Intermediates and Dyes, Moscow). *Zhur. Prikład. Khim.* 27, 1332-3(1954).—To 129 ml. 23.5% NaOH, 500 ml. H_2O, and 130 g. ice was added in 1 hr. 50 g. 4-nitrophthalimide, stirred 1 hr. at 6–8°, treated over 20 min. with 120 ml. NaOCl soln. (14% active Cl), stirred 1 hr., heated to 60°, allowed to cool slowly over 18 hrs., filtered and acidified, yielding 86% mixed nitroanthranilic acids, m. 237–42°. This (50.5 g.) added at 97° to 300 ml. 50% H_2SO_4, cooled to 3°, diazotized with 57 ml. 40% $NaNO_2$, stirred 0.5 hr. and added to 350 ml. H_2O and 470 g. $CuSO_4$ kept at 105–8°, stirred 1 hr., filtered hot and washed with H_2O, gave 87.1% mixed nitrosalicylic acids, m. 185–204°. This (35 g.) in warm soln. of 16 g. $NaHCO_3$ in 800 ml. H_2O, was filtered, heated to 90–5°, acidified with 18 ml. 18% HCl and cooled, yielding 18 g. crude product, which crystd. from 300 ml. 30% EtOH gave 16 g. pure 4-nitrosalicylic acid, m. 229–30°. G. M. Kosolapoff

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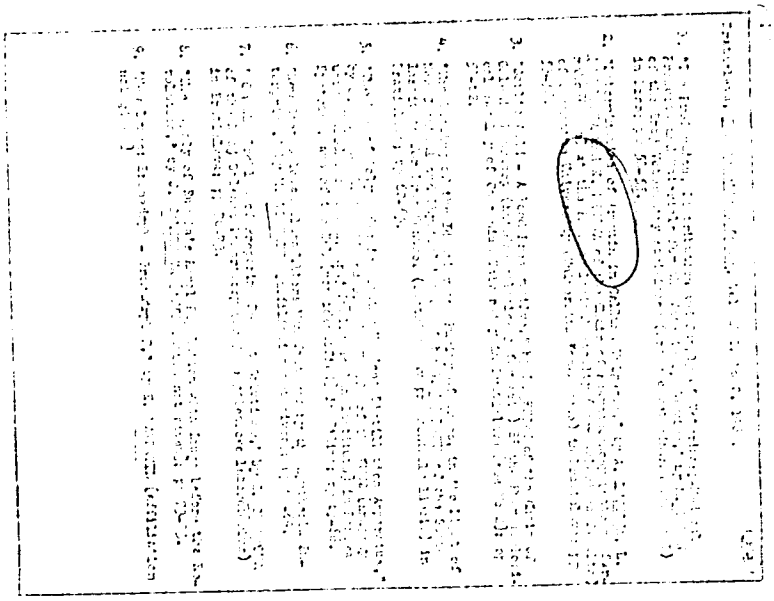
MIKOVA, K.



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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

KORECKY, Borivoj; POUPA, Otakar; technicka spoluprace MIKOVA, M.

Experimental basis for the use of enteric insufflation of oxygen as a resuscitation method in asphyxia neonatorum. Cas. lek. cesk. 101 no.21:660-663 '62.

1. Oddeleni patologicke fyziologie fakulty detskeho lekarstvi KU v Praze, prednosta prof. dr. O. Poupa Fyziologicky ustav CSAV, prednosta prof. dr. Z. Servit.
(ASPHYXIA NEONATORUM experimental)
(OXYGEN ther)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

KAZAKOVA, Z.A.; MIKOVA, N.I.

Practice in locating fracture-type reservoir rocks in Jivet sediments of the South Minusinsk Lowland based on the materials of combined field geophysical studies. Trudy VNIGRI no.193:224-243 '62. (MIRA 15:12)

(Minusinsk Basin--Petroleum geology)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

LABAN, M.; BUDIMIR, M.; MIJUSKOVIC, B.; SPASIC, P.; MAKSIMOVIC, B.; MIKOVANOVIC, M.

Spirometric apneic coefficients. Acta med. iugoslavl. 15 no.1: 20-42 '61.

1. Institut za tuberkulozu Narodne Republike Srbije u Beogradu.
(SPIROMETRY)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

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ACC NR: AP6006029 SOURCE CODE: CZ/0053/65/014/004/0287/0288

36
B

AUTHOR: Bargar, M.; Mikovcikova, O.; Subrtova, M.

ORG: Department of Pharmacodynamics and Toxicology, Faculty of Pharmacy, Comenius University, Bratislava (Katedra farmakodynamiky a toxikologie Farmaceutickej fak. UK

TITLE: Mechanism of action of cyclomethon [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 28 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 287-288

TOPIC TAGS: experiment animal, rat, drug effect, myology, potassium

ABSTRACT: Study of mode of action of succinylcholine and cyclomethon, both muscle relaxants, in eviscerated cats, rat diaphragm in vitro and isolated rat phrenicodiaphragmatic preparation. Role of potassium was key; drug molecules can be tailored to select depolarizing or competitive mode of muscle relaxant activity. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 003

Card 1/1

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOVEC, M.

Plants for Processing Blast-Furnace Slag in the Soviet Union. M. Mikovec. (Technická Práce, 1950, vol. 6, Jan., pp. 10–11). [In Czech]. Plants to produce cement and gypsum from blast-furnace slag are under construction in the U.S.S.R. One of these with an area of 19,000 sq. m. is described with drawings of the layout.—E. O.

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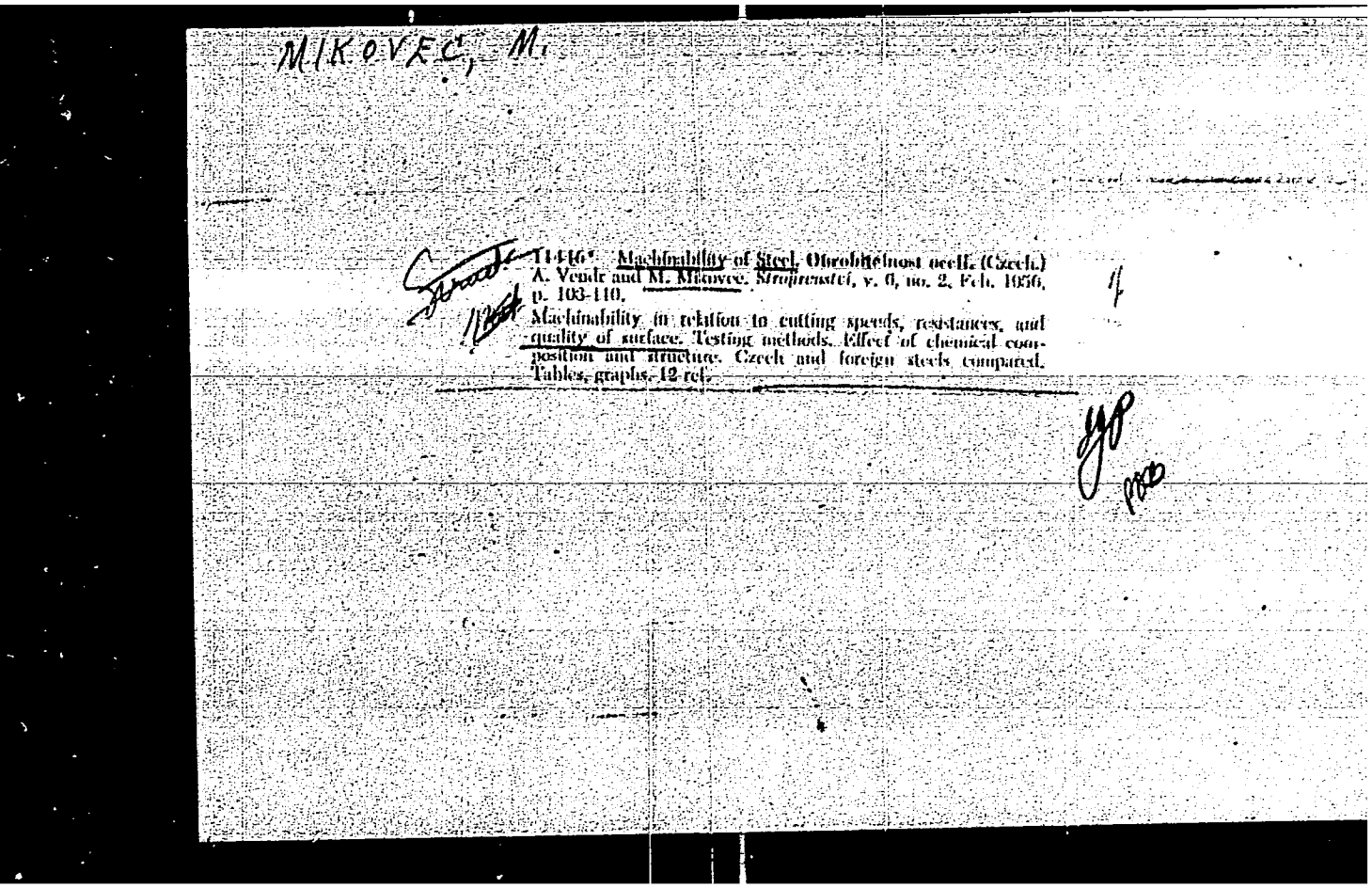

MIKOVEC, M.

T1446* Machinability of Steel, Obrobitelnost oceli. (Czech.) A. Vende and M. Mikovec. *Strojirenství*, v. 6, no. 2, Feb. 1956, p. 103-110.

Machinability in relation to cutting speeds, resistances, and quality of surface. Testing methods. Effect of chemical composition and structure. Czech and foreign steels compared. Tables, graphs, 12 ref.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

23072

Z/031/61/009/007/001/002
D007/D102

1.1100

AUTHOR: Mikovec, M., Engineer

TITLE: Machining of stainless heat-resistant and high-temperature steels

PERIODICAL: Strojírenská výroba, v. 9, no. 7, 1961, 337-340, 346

TEXT: The machining of stainless heat-resistant and high-temperature steels has not yet been sufficiently treated in Czechoslovak trade literature. The purpose of this article is to give technical workers some basic intructions for economic machining of highly-alloyed, stainless chrome, chrome-nickel, and chrome-manganese steels The following are the main prerequisites for successful machining of these steels: (1) High rigidity of the machine-tool-workpiece system, eliminating all vibrations; (2) Properly ground cutting tools of largest possible cross-sections to ensure adequate heat removal by the tool; (3) Selection of proper cutting compounds. The following tool materials are recommended for the individual machining operations: (a) Turning: S 1 and S 2 sintered carbides for ferritic

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

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D007/D102

Machining of stainless ...

and austenitic steels and U 1 sintered carbide for austenitic steels; ČSN 19 800 (Poldi Maximum Special G), ČSN 19 810 (Poldi Radeco) high-speed steels and ČSN 19 855 (Poldi Maximum Special 55) high-speed cobalt steel for all three steel types; for roughing, interrupted cuts, and operations with varying cutting depths, ČSN 19 855 (Poldi Maximum Special 55) high-speed cobalt steel for ferritic and martensitic steels, and U 4 sintered carbide for austenitic steels; for large chip thicknesses S 3 and S 4 sintered carbides for ferritic and martensitic steels, and S 4 sintered carbide for austenitic steels. Recommended cooling for all these tools is by cooling emulsions. (b) Milling: S 3 and S 4 sintered carbides, and U 2 sintered carbide for austenitic steels. Recommended cooling is by emulsions for ferritic and martensitic steels, and by activated oil for austenitic steels. (c) Drilling: ČSN 19 800 (Poldi Maximum Special G), ČSN 19 824 (Poldi Maximum Special), and ČSN 19 855 (Poldi Maximum Special 55) high-speed steels. Drills of sintered-carbide proved unsuitable. Recommended cooling by emulsions. (d) Reaming: Same as for drilling. Intensive lubrication by cooling oil is recommended. (e) Planing and slotting: Same high-speed steels as for turning,

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

Machining of stainless...

and S 4 or U 2 sintered carbides. (f) Broaching: ČSN 19 824 and ČSN 19 855 high-speed steels. Recommended lubrication by activated oil. (g) Thread cutting: ČSN 19 824 and ČSN 19 855, for certain applications also ČSN 19 810 (Poldi Radeco) high-speed steels. Cooling by activated oil or kerosene. (h) Sawing: High-speed steels. Ferritic and martensitic steels can be cut by circular, band or hacksaws; austenitic steels can be cut by circular saws only. Coarse blades should be used. Recommended cutting speeds and tool angles for the individual machining operations and tool and steel types are listed. Concerning tool angles, it is stated that large positive rake angles should be used. Negative angles are suitable only for skin machining with sintered-carbide tools. There are 2 figures, 6 tables and 5 Soviet-bloc references.

ASSOCIATION: Výzkumný ústav obráběcích strojů a obrábění, Praha (Research Institute of Machine Tools and Machining), Prague.

Card 3/3

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOVEC, Miroslav, inz.

Cutting conditions for slide turning. Stroj vyr 12 no.10: 706-711 O '64.

1. Research Institute of Machine Tools and Machining, Prague.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOVEC, Miroslav, inz.

Tool holder with exchangeable screw die. Stroj vyr 10 no.10:520 O '62.

1. Vyzkumny ustav obrabecich stroju a obrabeni, Praha.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

ROZANEK, Frantisek, inz.; MIKOVEC, Miroslav, inz.; PODANY, Svaton

Finishing with a broad-nose lathe tool. Stroj vyr 11 no.8: 379-381 Ag '63.

1. Zavody V.I. Lenina, Plzen (for Rozanek). 2. Vyskumny ustav obrabecich stroju a obrabeni, Praha (for Mikovec). 3. Prerovske strojirny, Prerov (for Podany).

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOVEC, Miroslav, inz.

Cutting tools. Stroj vyr 12 no.1:18-22 Ja'64.

1. Vyzkumny ustav obrabecich stroju a obrabeni, Praha.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

L 49198-65 EWA(d)/EWP(v)/EWP(k)/EWP(h)/EWP(b)/EWP(l)/EWP(t) Pf-4 JD 78

ACCESSION NR: AP5015402 CZ/0031/64/012/010/0706/0711 B

AUTHOR: Mikovec, Miroslav (Engineer)

TITLE: Cutting conditions for slide turning

SOURCE: Strojirenska vyroba, v. 12, no. 10, 1964, 706-711

TOPIC TAGS: metal turning, metal cutting, machine tool

Abstract: Factors are analyzed considered most important for selecting the optimum conditions for cutting from the viewpoint of productivity. These factors are the machine tool (brake power of the electromotor, torsion moment), tool (material, rigidity and strength, edge durability), and the part to be processed (machinability, quality of surface and dimensions, rigidity). The article contains formulas, graphs, and and a chart for determining the cutting conditions for slide turning. Orig. art. has 9 formulas, 7 graphs, and 4 tables.

ASSOCIATION: Vyzkumny ustav obrabecich stroju a obrabeni, Prague (Research Institute for Machine Tools and Machining)

Card 1/2 Submitted: 00

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

L 51088-65 EWA(d)/EWP(v)/EPR/T/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(1) Pf-4

ACCESSION NR: AP5015478 JD UR/0031/65/000/012/0866/0868 22 B

AUTHOR: Mikovec, Miroslav(Engineer)

TITLE: Selection of cutting conditions for slide turning in the new standard compilation Soustruhy ("Lathes")

SOURCE: Strojirenska vyroba, v. 12, no. 12, 1964, 866-868

TOPIC TAGS: metal cutting, metal turning, lathe

Abstract: The article discusses tables published in the new collection of standards and explains how they are to be used in setting up work on lathes. One Czechoslovak reference. Orig. art. has 5 tables.

ASSOCIATION: Vyskumny ustav obrabecich stroju a obrabeni, Prague(Machine Tools Research Institute)

SUBMITTED: 00 ENCL: 00 SUB CODE: MM, IE

NO REF SOV: 000 OTHER: 001 JPRS

mc

Card 1/1

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

L 4993-66 EWP(t)/EWP(k)/EWP(b) IJP(c) JD

ACC NR: AP6000465 SOURCE CODE: CZ/0031/65/013/002/0090/009

AUTHOR: Starosta, Jaroslav; Sramek, Josef; Mikovec, Miroslav (Engineer)

ORG: [Sramek] CKD, n. p., Electrical Engineering Plant, Prague (CKD, n. p., zavod Elektrotechnika); [Mikovec] Machine Tools Research Institute, Prague (Vyzkumny usta obrabecich stroju a obrabeni)

TITLE: Machining of titanium alloys

SOURCE: Strojirenska vyroba, v. 13, no. 2, 1965, 90-93

TOPIC TAGS: titanium alloy, metal machining

ABSTRACT: The article presents the results of experiments conducted to determine t conditions for the machining of Czechoslovak titanium alloys. Orig. art. has: 6 figures. [JPRS]

SUB CODE: MM, IE / SUBM DATE: none

Card 1/1 UDC: 621.9.033/621.91.07

0901 12

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

L 32255-66 EWP(v)/EWP(k)/EWP(h)/EWP(l)

ACC NR: AP6020832 SOURCE CODE: CZ/0031/65/013/010/0701/0708

AUTHOR: Mikovec, Miroslav (Engineer) 25 B

ORG: Machine Tools Research Institute, Prague (Vyzkumny ustav obrabecich stroju a obrabeni) 14

TITLE: Cutting conditions for center lathes

SOURCE: Strojirenska vyroba, v. 13, no. 10, 1965, 701-708

TOPIC TAGS: lathe, machine tool, metal cutting

ABSTRACT: The article deals with the selection of the optimum cutting conditions for machining on center lathes. It presents brief theoretical considerations and detailed tables of the recommended machinery and conditions for various types of work, and then gives descriptions of the machine tools and other equipment. Part I, total in series not given. Orig. art. has: 8 figures, 4 formulas, and 7 tables. [JPRS]

SUB CODE: 13 / SUBM DATE: none

Card 1/1

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

L 31064-66 EWP(k)/EWP(h)/EWP(l)/EWP(v)/EWP(t)/ETI IJP(c) JD

ACC NR: AP6022563 SOURCE CODE: CZ/0031/65/013/012/0889/0896

AUTHOR: Mikovec, Miroslav (Engineer)

ORG: Machine Tools Research Institute, Prague (Vyzkumny ustav obrabecich stroju a obrabeni)

TITLE: Cutting conditions for center lathes

SOURCE: Strojirenska vyroba, v. 13, no. 12, 1965, 889-896

TOPIC TAGS: lathe, cutting tool

ABSTRACT: The present article is the second part of an explanation of the method of selection of cutting conditions for center lathes. Detailed tables are presented of the basic cutting conditions and tables and formulas are given for their selection. The article is to be continued in the next issue. Orig. art. has: 2 figures and 5 tables. [JPRS]

SUB CODE: 13 / SUBM DATE: none

Card 1/1

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

L 3991[illegible]66 EWI(k)/EWP(k)/EWT(l)/EWA(v)/EWP(t)/ETI IJP(c) ID

ACC NR: AP6029394 SOURCE CODE: CZ/0031/66/014/001/0043/00

AUTHOR: Mikovec, Miroslav (Engineer)

ORG: Machine Tools Research Institute, Prague (Vyzkumny ustav obrabecich stroju a obrabeni)

TITLE: Cutting conditions for center lathes

SOURCE: Strojirenska vyroba, v. 14, no. 1, 1966, 43-50

TOPIC TAGS: lathe, cutting tool, metal boring

ABSTRACT: This article, one of a series published monthly in this journal, provide detailed tables of cutting tools and of the conditions for their application on center lathes. After concluding the tables started in the previous issue, the arti discusses the selection of conditions for boring. Orig. art. has: 1 figure and 9 tables. [JPRS: 35,328]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 004

Card 1/1

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

L 31066-66 EWP(k)/EWP(h)/EWP(l)/EWP(v)
ACC NR: AP6022552 SOURCE CODE: CZ/0031/66/014/002/0133/0136

AUTHOR: Mikovec, Miroslav--Mikovets, M. (Engineer)

ORG: VUOSO, Prague

TITLE: Cutting conditions for center lathes

SOURCE: Strojirenska vyroba, v. 14, no. 2, 1966, 133-136

TOPIC TAGS: lathe, cutting tool, boring machine, handtool

ABSTRACT: The article is a continuation of a series in which detailed tables of center lathe cutting conditions are presented in order that they may be properly selected in planning production. It includes Tables 8 and 9, covering boring tools and boring bars. Orig. art. has: 2 tables. [JPRS]

SUB CODE: 13/ SUBM DATE: none

Card 1/1

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

L 46792-66 EWP(v)/EWP(t)/ETI/EWP(k)/EWP(h)/EWP(i) IJP(c) JD

ACC NR: AP6032795 SOURCE CODE: CZ/0031/66/014/003/0211/02

AUTHOR: Mikovec, Miroslav (Engineer)

ORG: Machine Tools Research Institute, Prague (Vyzkumny ustav obrabecich stroju a obrabeni)

TITLE: Cutting conditions for center lathes

SOURCE: Strojirenska vyroba, v. 14, no. 3, 1966, 211-218

TOPIC TAGS: lathe, metal cutting

ABSTRACT: This is the concluding article in the series. It deals with the condition for cutting off, recess grinding and cutting out and the bases for their selection. Detailed tables and diagrams are presented for the various operations, as well as a table of certain non-standardized cutting edges. Orig. art. has: 1 figure and 8 tables. [JPRS: 36,645]

SUB CODE: 13 / SUBM DATE: none

Card 1/1

0920 0106

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

YUGOSLAVIA

MIKOVIC, Z., Department of Parasitology of the Institute of Medical Resea and Institute of Parasitology (Odelenje za Parazitologiju Instituta za Medicinska Istrazivanja i Parazitoloski Institut) [Veterinary College Belgrade?]

"Frequency and Location of Cysts of Toxoplasma gondii in Tissues and Orga of Mice Infected with Two Strains of Toxoplasma gondii Differing in Virule

Belgrade, Acta Veterinaria, Vol 16, No. 3, 1966; pp 205-208

Abstract [French summary modified]: In mice inoculated with a turkey stra of Toxoplasma gondii, cysts were found in many different organs and tissues; in mice inoculated with a strain from duck, only in various parts of the central nervous system. Diagram; 2 Japanese, 3 Yugoslav references Manuscript received 23 Sep 65.

1/1

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APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOVZOROV, V.A.

Calculations for the number of line personnel of a construction division. Izv.v[illegible].uch.zav.; stroi. i arkhit. 5 no.4:117-122 '62. (MIRA 15:9)

1. Novosibirskiy inzhenerno-stroitel'nyy institut imeni Kuybysheva. (Construction industry)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOYAN, A.I.; MARINENKO, A.Ya., inzh.; RAPPOPORT, A.M., inzh.; SLEPNEV, K.V., inzh.; SYROVOY, P.Ye., inzh.. Prinimali uchastiye: BORODIN, D.D., inzh.; ZHARKOV, M.A., inzh.; SHIPUNOV, B.G., inzh.; KURAKOV, V.Ya., tekhnik. STRAKHOV, L.G., otv.red.; KOMPANTSEV, N.N., otv.red.; KRASIL'NIKOV, S.D., red.; ZUDAKIN, I.M., tekhn.red.

[The MIG-17PF and MIG-17F airplanes; instructions for operation and maintenance] Samolety MiG-17PF i MiG-17F; instruktsiia po tekhnicheskoi ekspluatatsii i obsluzhivaniiu. Moskva, Gos.izd-vo obor.promyshl., 1957. 143 p. diagrs.

1. Russia (1923- U.S.S.R.) Ministerstvo oborony.
(Fighter planes) (Jet planes, Military)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

[redacted], Corr. Mbr. AS USSR

"New Problems of Aviation are Solved Not Only in Designing Bureaus," Sovetskaya Aviatsiya, No. 29, 3 Feb 57, p. 1., col. 1-2

113023[illegible] Full translation

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOYAN, Artem Ivanovich, aviakonstruktor

Four questions to general aircraft designer A. I. Mikoian.
Av. i kosm. 45 no.1:6-9 Ja '63. (MIRA 16:1)

(Airplanes) (Aeronautics, Hypersonic)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

P/007/62/000/015/002/002
D001/D101

AUTHOR: Mikoyan, Artem, Chief Aircraft Designer, twice Hero of Socialist Labor

TITLE: From aircraft to spaceship

PERIODICAL: Skrzydlata Polska, no. 15-16, 1962, 20-23

TEXT: The article is a historical review and popular account of 44 years of Soviet aircraft and rocket engineering between 1917 and 1961. The prospects of dynasoar flight and space travel are presented in magazine-type approach. There are 13 figures.

Card 1/1

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOYAN A. I. AIRCRAFT DESIGNER

L 20483-65 EWT(d)/EWT(m)/FA/EWA(d)/T-2/EWP(t)/EWP(h)/EWP(b) LJP(c)/
AEDC(a)/AFTC(a)/APGC(a) LBF/JD
ACCESSION NR: AP5001805 S/0209/64/000/012/0014/0017

AUTHOR: none

TITLE: In the struggle for speed and altitude B

SOURCE: Aviatsiya i kosmonavtika, no. 12, 1964, 14-17

TOPIC TAGS: Soviet aircraft, VTOL aircraft, variable wing geometry, hypersonic aircraft

ABSTRACT: This article describes an interview with the Soviet aircraft designer A. I. Mikoyan on the 25th anniversary of the opening of his design office. A short history of his design office is given, along with an outline of its future objectives. Lately, the theoretical and experimental sections of the office have gained in importance New developments have been taking place in gas dynamics, automatic systems, aeroelasticity, and in automatic controls. High-strength steels and titanium alloys have found wide application in aircraft design. According to Mikoyan, Soviet aircraft engineers and scientists are now faced with the tasks of mastering the technique of designing aircraft for near-hypersonic and hypersonic flight, building

Card 1/2

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"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

L 20483-65
ACCESSION NR: AP5001805

supersonic VTOL aircraft, and improving automatic flight control in order to increase maneuverability under adverse meteorological conditions. It is suggested that takeoff and landing distances could be shortened by the use of variable wing geometry, by boosting the power of engines through an increase in fuel energy and gas temperatures, and by increasing the lift-over-drag ratio by means of jet deflection. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: AC

NO REF SOV: 000 OTHER: 000 ATD PRESS: 3162

Card 2/2

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOYAN, A., general-mayor aviatsii, voyennyy letchik pervogo klassa;
VAZHIN, F., polkovnik; ARGUNOV, O., podpolkovnik

In Major Zakharov's group. Av. i kosm. 46 no.4:37-49
Ap '64. (MIRA 17:3)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOYAN, Artem Ivanovich, general-leytenant inzhenerno-tekhnicheskoy sluzhby, Geroy Sotsialisticheskogo Truda, laureat Leninskoy i Gosudarstvennykh premiy, general'nyy konstruktor.

Struggle for speed and flight altitude. Av. i Kosm. 47 no.12:14-17 D '64 (MIRA 18:1)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

MIKOYAN, A.I.

Foreign trade is a good means for strengthening [illegible]. Vop. torg. 29 no.6:2-3 '59. (MIRA 12:9)

1. Pervyy zamestitel' Predsedatelya Soveta Ministrov SSSR.
(Russia--Commerce)

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1"

"APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R001134210008-1

USSR / Soil Science. Cultivation. Improvement. Erosion. J-4

Abs Jour : Ref Zhur - Biologiya, No 16, 1958, No. 72737

Author : Mikoyan, G. Ye.
Inst : Armenian Scientific-Research Institute of Hydroengineering and Amelioration
Title : Features of the Current Method of Watering Grain Crops in the Rayons of the Sevan Basin

Orig Pub : Tr. Arm. n.-i. in-ta gidrotekhn. i melior., 1957, 2, 163-169

Abstract : In the mountain rayons of Armenia with the slopes of the locality up to 0.025 in grain crop sowings, it is recommended to use furrow irrigation (filling from a head ditch). On the irrigated sections with a slope over 0.025, it is expedient to apply watering of the grain crops along "crusts" - temporary irrigation networks, built immediately following planting. It is recommended

Card 1/2

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